

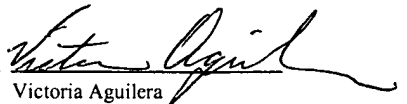


DOCKET NO. AB-233U4

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): He, et al.  
Serial No.: 10/609,452  
Filed: June 27, 2003  
For: Electronic Module Design to  
Maximize the Volume Efficiency in a  
Miniature Medical Device  
Group Art  
Unit: 2841  
Examiner:

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
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Dear Examiner:

Submitted herewith is PTO/SB/08 (substitute for form PTO/1449)  
containing a list of items that are being disclosed to the U.S. Patent & Trademark Office  
(PTO) pursuant to 37 C.F.R. 1.56, 1.97 and 1.98.

This application claims the benefit of United States Provisional Patent  
Application Serial Number 60/392,475 filed June 28, 2002.

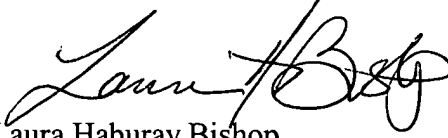
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10/609,452  
Page Two

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made. See 37 C.F.R. §1.97(g).

Further, the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b). See 37 C.F.R. §1.97(h).

All of the items listed on PTO/SB/08 are in the English language.

Respectfully submitted,

  
Laura Haburay Bishop  
Reg. No. 47,424

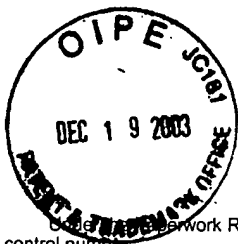
Dated: Dec 16, 2003

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PTO/SB/08A (10-01)  
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<b>Substitute for form 1449A/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		<b>Application Number</b>	10/609,452
		<b>Filing Date</b>	June 27, 2003
		<b>First Named Inventor</b>	He, et al.
		<b>Art Unit</b>	2841
<b>Examiner Name</b>			
<b>Attorney Docket Number</b>	AB-233U4		
<b>Sheet</b>	1	<b>of</b>	2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-5,193,539	03-16-1993	Schulman, et al.	
	A2	US-5,193,540	03-16-1993	Schulman, et al.	
	A3	US-5,312,439	05-17-1994	Loeb	
	A4	US-5,350,980	09-27-1994	Dye, et al.	
	A5	US-5,405,367	04-11-1995	Schulman, et al.	
	A6	US-5,750,926	05-12-1998	Schulman, et al.	
	A7	US-5,999,848	12-07-1999	Gord, et al.	
	A8	US-6,051,017	04-18-2000	Loeb, et al.	
	A9	US-6,061,596	05-09-2000	Richmond, et al.	
	A10	US-6,164,284	12-26-2000	Schulman, et al.	
	A11	US-6,175,764-B1	01-16-2001	Loeb, et al.	
	A12	US-6,181,965-B1	01-30-2001	Loeb, et al.	
	A13	US-6,185,452-B1	02-06-2001	Schulman, et al.	
	A14	US-6,185,455-B1	02-06-2001	Loeb, et al.	
	A15	US-6,208,894-B1	03-27-2001	Schulman, et al.	
	A16	US-6,214,032-B1	04-10-2001	Loeb, et al.	
	A17	US-6,232,562-B1	05-15-2001	Kikuchi, et al.	
	A18	US-6,259,937-B1	07-10-2001	Schulman, et al.	
	A19	US-6,315,721-B2	11-13-2001	Schulman, et al.	
	A20	US-6,340,839-B1	01-22-2002	Hirasawa, et al.	
	A21	US-6,516,808-B2	02-11-2003	Schulman	
	A22	US-6,539,253-B2	03-25-2003	Thompson, et al.	
	A23	US-6,553,263-B1	04-22-2003	Meadows, et al.	
	A24	US-6,567,703-B1	05-20-2003	Thompson, et al.	
	A25	US-2002/0074633-A1	06-20-2002	Larson, et al.	
	A26	US-2002/0121693-A1	09-05-2002	Milla, et al.	
	A27	US-2002/0123172-A1	09-05-2002	Milla, et al.	
	A28	US-2002/0123233-A1	09-05-2002	Larson	
	A29	US-2002/0127837-A1	09-12-2002	Milla	
	A30	US-2003/0192171-A1	10-16-2003	Fey, et al.	

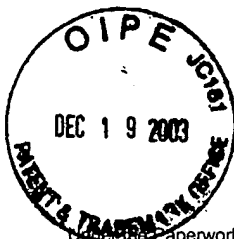
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<b>Substitute for form 1449B/PTO</b> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/609,452		
		Filing Date	June 27, 2003		
		First Named Inventor	He, et al.		
		Group Art Unit	2841		
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	AB-233U4

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	-Number <sup>4</sup>	-Kind Code <sup>5</sup> (if known)				
	A31	WO-97/18857-A1			05-29-1997	Richmond, et al.		
	A32	WO-00/01320-A2			01-13-2000	Loeb, et al.		
	A33	WO-00/01320-A3			01-13-2000	Loeb, et al.		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A34	CAMERON, et al., "Micromodular Implants to Provide Electrical Stimulation of Paralyzed Muscles and Limbs", IEEE Transactions on Biomedical Engineering, Vol. 44, No. 9, (Sept. 1997), pages 781-790.	
	A35	LOEB, et al., "North Sea: Transducers and Electrodes - Injectable Microstimulator for Functional Electrical Stimulation", Med. & Biol. Eng. & Computer, North Sea Special Feature, 29 (Nov. 1991), pages NS13-NS19.	
	A36	LOEB, et al., "BION™ Bionic Neurons for Functional and Therapeutic Electrical Stimulation", 20 <sup>th</sup> Annual International Conference of IEEE Engineering in Medicine and Biology "Biomedical Engineering Towards the Year 2000 and Beyond", October 29-November 1, (1998), Hong Kong, 5 pages.	

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